

# PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: SCHUBBACH

In re Application of:	)	
R. SCHUBBACH & K. P. SCHMIDT	)	
Appl. No.: 10/595,481	)	
Filed: April 21, 2006	)	Group Art Unit:
	)	Confirmation No.: 1273
For: METHOD FOR PRODUCING ELECTRO- STATICALLY NON-CHARGEABLE AND/OR ELECTRIC CHARGE-DRAINING PLASTIC CONTAINERS AND A PLASTIC CONTAINER PRODUCED ACCORDING TO THE METHOD	)	

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of attention of the Examiner to the references listed on enclosed form PTO-1449 which were cited in the instant specification and in the International Search Report issued by the European Patent Office with regard to the corresponding International patent application No. PCT/EP2004/011914, respectively. Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

Copies of these references are submitted herewith along with form PTO-1449. The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

- ☐ This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.
- ☐ This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.
- ☒ This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.
- ☐ This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.
- ☐ This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.
- ☐ The undersigned submits the following statement requesting consideration of this statement:  
The undersigned hereby states:
  - ☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;
  - ☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart

foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

- ☐ The fee of \$180.00 set forth in 1.17(p).
- ☐ The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

In order to satisfy the requirement under 37 C.F.R. §1.98(a)(3) for a concise explanation of the relevance of each item of information, applicant herewith submits a copy of the International Search Report. In addition, applicant notes with respect to any information that is not in English language as follows:

German Offenlegungsschrift DE 196 05 890 describes a container having walls, floor and lid formed with a coating with a surface resistance quoted as less than 1 kohm. The plastic of the walls, etc. and of the antistatic coating is high pressure polyethylene. The wall thickness is from two to five mm. The thickness of the coating is between 0.2 and 0.5 mm. The container is made by extrusion with subsequent spraying of the coatings.

German Offenlegungsschrift DE 38 44 605 A1 describes a plastic internal container (2) for pallet containers (1), having a black coloring to protect the container and the contents therein from UV radiation. Soot is added to the plastic, such as polyethylene, to produce the container.

German Offenlegungsschrift DE 41 36 766 A1 describes a container cover which is multilayered and consists of a transparent layer and at least one layer in which color material is mixed and is (nearly) opaque. Layer with color material has a strip-form break-through area in which a viewing strip of transparent plastic is arranged as filling indicator. Container cover and the viewing strip are of the same

thermoplastic material as the (nearly) opaque plastic of the cover with mixed-in color.

German Gebrauchsmusterschrift DE 202 06 436 U1 describes a transport and storage container for liquids, having an inner container (2) with an optic level indicator with at least one integrated viewing strip (23) of transparent plastic material which forms with the plastic material of the container walls (3-6) a homogenous connection. The Disposed on the outside of the inner container (2) is a level scale (24).

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

Respectfully submitted

By: 

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Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office**INFORMATION DISCLOSURE CITATION**

<b>Attorney's Docket No.</b> <b>SCHUBBACH</b>	<b>Applicant</b> <b>R. SCHUBBACH et al.</b>	<b>Appl. No.</b> <b>10/595,481</b>
<b>Filing Date</b> <b>April 21, 2006</b>	<b>Group</b>	<b>Examiner</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date, if appropriate

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation
	EP 0 219 315 A	04-22-1987	Europe			yes
	EP 0 111 602 A	06-27-1984	Europe			yes
	WO 03/029000 A	04-10-2003	PCT			yes
	DE 196 05 890 A1	08-21-1997	Germany			no
	DE 38 44 605 A1	02-08-1990	Germany			no
	DE 41 36 766 A1	05-27-1993	Germany			no
	DE 202 06 436 U	08-08-2002	Germany			no

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

	Database WPI, Section Ch, Week 200257, Derwent Publications Ltd., London, GB; Class A23, AN 2002-532595 XP002318753 & JP 2002 146212 A (Sanyo Chem Ind Ltd), May 22, 2002

<b>Examiner:</b>	<b>Date considered:</b>
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\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/011914

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 COB L23/08 B32B27/32 B29C49/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 COB L B32B B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category\* Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

- |   |  |          |
|---|--|----------|
| X | DATABASE WPI<br>Section Ch. Week 200257<br>Derwent Publications Ltd., London, GB;<br>Class A23, AN 2002-532595<br>XP002318753<br>& JP 2002 146212 A (SANYO CHEM IND LTD)<br>22 May 2002 (2002-05-22)<br>abstract | 1,7      |
| X | EP 0 219 315 A (THE DOW CHEMICAL COMPANY)<br>22 April 1987 (1987-04-22)<br>claims 1,3,5<br>page 20, line 18 - line 41  | 1,2,7,8  |
| X | EP 0 111 602 A (IDEMITSU PETROCHEMICAL<br>COMPANY LIMITED) 27 June 1984 (1984-06-27)<br>claim 1  | 1,4,7,12 |

-/-

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another claim or other special reasons (see specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*\* Inter document published after the international filing date or priority date and not in conflict with the application but cited to substantiate the principle or theory underlying the invention

\*O\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*\*O\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*E\* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

22 February 2005

07/03/2005

Name and mailing address of the ISA  
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Authorized officer

Hillebrand, G

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/EP2004/011914

## D.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim no.
X	WO 03/029000 A (SHOWA DENKO PLASTIC PRODUCTS CO., LTD; WATANABE, KAZUYUKI) 10 April 2003 (2003-04-10) claim 1	1,4,7,12

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/EP2004/011914

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2002146212	A	22-05-2002	NONE	
EP 0219315	A	22-04-1987	US 4756414 A	12-07-1988
			AU 588397 B2	14-09-1989
			AU 6525386 A	05-05-1987
			BR 8606907 A	19-01-1988
			CA 1289447 C	24-09-1991
			EP 0219315 A2	22-04-1987
			JP 4058786 B	18-09-1992
			JP 62502329 T	10-09-1987
			KR 9101296 B1	02-03-1991
			WO 8702333 A1	23-04-1987
			US 4906494 A	06-03-1990
EP 0111602	A	27-06-1984	EP 0111602 A1	27-06-1984
			AT 19754 T	15-05-1986
WO 03029000	A	10-04-2003	EP 1446288 A1	18-08-2004
			WO 03029000 A1	10-04-2003
			US 2004241477 A1	02-12-2004